



Height Modernization Workshop

College of Engineering
North Carolina A&T State University
Greensboro, NC
September 22-23, 2005

North Carolina A&T State University, as part of a cooperative agreement with the National Geodetic Survey (NGS), and in collaboration with the North Carolina Geodetic Survey (NCGS), will offer a two-day Height Modernization workshop for those engaged in height modernization and its use for precision engineering applications. Those who would benefit from the workshop include surveyors, environmentalists, resource managers, flood plain mappers and emergency response personnel. There are two tracks available: Basic GPS Users Track (for beginner users), and Advanced Users Track (for experienced users). The cost to attend is \$249, which covers meals and transportation during the workshop, and workshop materials. The deadline for paid registration is September 2, 2005. Early registration is encouraged, because seats are limited due to the hands-on nature of the workshops.

Height Modernization is a series of activities designed to advance and promote the determination of elevations by Global Positioning System (GPS) surveying, in conjunction with traditional leveling. It includes activities leading to improved height determination both for the static surveyor and for the moving navigator.

Basic GPS Users Track

- ◆ Basic Principles of GPS Surveying
- ◆ Performing GPS Surveys
- ◆ Types of GPS Observations
- ◆ Planning a GPS Field Activity
- ◆ Guided Hands-on GPS Field Activity
- ◆ Processing and Analyzing GPS Data
- ◆ Introduction to NGS OPUS & Network RTK

Advanced Users Track

- ◆ Full Instructor-led Workshop on NGS PAGES
- ◆ NGS PAGES: Practical Insights
- ◆ Advanced NGS OPUS Online Applications
- ◆ Network RTK Field Activities

Professional Development Hours (PDH): 15 Cost: \$249

Registration Form (Deadline for paid registration – September 2, 2005):

Name [Please print]:

Home Address

City

State

Zip

Company Name/Business

Phone

Fax

E-mail [required]

Please select the workshop track you prefer: ☐ Basic ☐ Advanced

Payment can be made by credit card, check or money order. Please make checks and money orders payable to N.C. A&T State University.

Choose the credit card type: ☐ Mastercard ☐ Visa ☐ American Express

Card Number:

Expiration date (mm/yy):

Signature

To register: By Mail – Complete and mail to Office of Continuing Studies, N.C. A&T State University, 1601 E. Market St., Greensboro, N.C. 27411, Attn: Patricia F. O'Connor; **e-mail** – poconnor@ncat.edu; **phone** – (336) 334-7607 or (888) 323-6237, or **fax** – (336) 334-7081.

TO REGISTER ONLINE: <http://www.ncat.edu/~civileng/Heightmod.htm>